

Title (en)

METHOD AND APPARATUS FOR ESTIMATING A SIGNAL FADING CHARACTERISTIC

Title (de)

VERFAHREN UND SCHALTUNG ZUM SCHÄTZEN EINER SIGNALSCHWUNDCHARAKTERISTIK

Title (fr)

PROCEDE ET APPAREIL D'ESTIMATION D'UNE CARACTERISTIQUE D'EVANOUISSEMENT DE SIGNAL

Publication

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Application

EP 96908740 A 19960308

Priority

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- US 45032695 A 19950525

Abstract (en)

[origin: WO9637966A1] A method and apparatus for measuring a characteristic of a fading signal received using two or more branch diversity receivers (100) is presented. This fading characteristic is proportional to the speed of the user. In a first embodiment the number of times the antenna branches change in a selection diversity process is counted (160), and the result is scaled (170) for imbalance between the branches. The output of a fading quality estimator (180), indicative of the fading and generally proportional to the speed, is thereby obtained.

IPC 8 full level

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CPC (source: EP KR US)

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Citation (examination)

- US 5239667 A 19930824 - KANAI TOSHIHITO [JP]
- KAWABATA K. ET AL.: "Estimating Velocity Using Diversity Reception", IEEE 44TH VEHICULAR TECHNOLOGY CONFERENCE, 8 June 1994 (1994-06-08) - 10 June 1994 (1994-06-10), Stockholm, pages 371 - 374, XP010123092

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WO 9637966 A1 19961128; CA 2194786 A1 19961128; CA 2194786 C 20020910; DE 69636323 D1 20060817; DE 69636323 T2 20061109; EP 0772916 A1 19970514; EP 0772916 A4 20010228; EP 0772916 B1 20060705; FI 117530 B 20061115; FI 965259 A0 19961230; FI 965259 A 19970122; JP 4130224 B2 20080806; JP H10503635 A 19980331; KR 100227990 B1 19991101; KR 970705249 A 19970906; US 5634206 A 19970527

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